



## AVIAN INFLUENZA FREQUENTLY ASKED QUESTIONS APPROVED DISINFECTANTS

[http://www.nj.gov/agriculture/divisions/ah/diseases/avian\\_influenza.html](http://www.nj.gov/agriculture/divisions/ah/diseases/avian_influenza.html)

### How is Avian Influenza spread?

Avian Influenza (AI) can be spread through the respiratory secretions and feces of infected birds. Some birds, notably waterfowl, are believed to be the reservoirs of AI and can shed the virus in their feces without showing symptoms of the disease. Exposure of non-infected birds to infected birds, contaminated equipment, vehicles, or people who have been on AI-infected farms also pose risks for introducing AI into New Jersey. Once introduced, the disease can spread quickly from bird to bird by direct or indirect contact.

### How long can the AI virus remain infectious?

AI virus can remain infectious in feces for 7 days at 68° F and 35 days at 40° F, and can survive indefinitely in frozen material. One gram of contaminated manure contains enough virus to infect one million birds.

### What can I do to prevent AI?

Organic material harboring the AI virus can be picked up on shoes and clothing and moved from an area with sick birds to an area with healthy birds. Poultry equipment, cages, etc that are contaminated with manure harboring the virus can also be implicated. Moving birds can also spread AI, especially because some birds can carry disease without looking sick.

### What disinfectants can be used to kill the AI virus?

To the right is a list of **approved disinfectants**. Be sure to read and understand the disinfectant manufacturer's Material Safety Data Sheet prior to using the disinfectant. Mix the product according to label directions, and abide by environmental precautions.

10% solution – 1 part bleach  
To 10 parts water

#### ***Virkon – S***

Available from:  
Farnam Companies Inc.  
Livestock Products Division  
P.O. Box 34820  
Phoenix, AZ 85067  
888-241-9546  
\$24.00/16 oz.

#### ***Tek-Trol – Phenolic***

Available from:  
ABS Compounding Co., Inc.  
P.O. Box 16247  
Atlanta, GA 30260  
800-535-5053  
\$30.50/gallon

#### ***Gil-Phene – Phenolic***

Available from:  
Gilmer Industries  
P.O. Box 1265  
Harrisonburg, VA 22801  
800-200-4162  
\$28.99/gallon

#### ***I Stroke Environ – Phenolic***

Available from:  
Steris Corporation  
5960 Heisley Road  
Mentor, OH 44060  
800-548-4873  
\$23.99/gallon

#### ***Zep Formula 165-A***

Available from:  
ZEP Manufacturing  
42 Silver Street  
Malverne, NY 11565  
516-887-7610  
\$24.99/gallon

***Household Bleach*** (sodium hypochlorite)